We claim:

1. A tensioner used for imparting proper tension to a wrapping transmission member, characterized in that

a body of said tensioner is composed of plastic outer and inner bodies formed by different members respectively;

said outer body is provided with a tensioner mounting means and an inner body fitting hole, said inner body is provided with a plunger accommodating hole, a plunger biased by a compression spring is slidably fitted into said plunger accommodating hole, a bottom portion of said plunger accommodating hole is provided with a check valve, and at least said inner body, said check valve, said compression spring and said plunger form an inner body side unit, which imparts proper tension; and

said inner body, which forms said inner body side unit is adapted to be fixed into the inner body fitting hole of said outer body by heat welding.

2. The tensioner according to claim 1, characterized in that said heat welding is ultrasonic deposition.

3. The tensioner mounting means according to claim 1, characterized in that a bushing including a mounting hole, which is said tensioner mounting means is heat welded onto said outer body.

4. The tensioner according to claim 3, characterized in that said heat welding is ultrasonic welding.